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EXPRESS MAIL NO. EV 607585294 US

PATENT APPLICATION

Docket No: 15689.58

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
Keizaburo Sasaki et al.)
)
Serial No.: 09/667,084) Art Unit
) 2171
)
Filed: September 21, 2000)
)
For: DATA CONVERSION APPARATUS, SIGNAL,)
)
DATA CONVERSION METHOD, DCE,)
)
GATEWAY AND COMMUNICATION)
APPARATUS)
)
Customer No.: 022913)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record

believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided. The concise explanation for Japanese Publication No.: 10-322361 is provided in the English abstract of that publication. The concise explanation for Japanese Publication No.: 10-262060 is provided in the English abstract of that publication. The concise explanation for Japanese Publication No.: 08-274838 is provided in the English abstract of that publication.

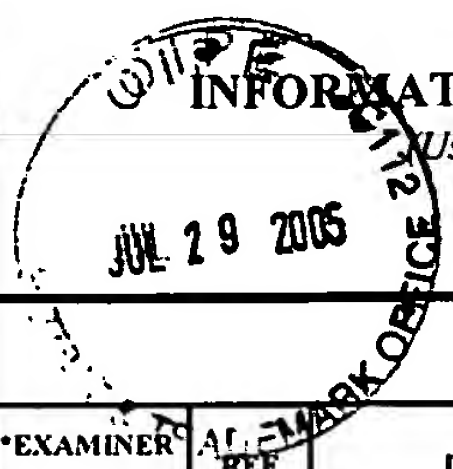
In accordance with 37 C.F.R. § 1.97(c), a PTO 2038 Credit Card form in the amount of \$180.00 is enclosed to secure consideration of the references submitted with this Information Disclosure Statement. Please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

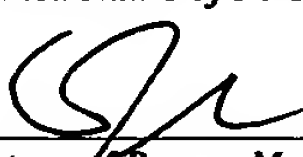
DATED July 29, 2005.

Respectfully submitted,



ADRIAN J. LEE
Attorney for Applicant
Registration No. 42,785
Customer No. 022913

 <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p>				Docket Number (Optional) 15689.58		Application Number 09/667,084		
				Applicant(s) Keizaburo Sasaki, et al.				
				Filing Date September 21, 2000		Group Art Unit 2661		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
	1	08/274,838	10/18/1996	Japan	H04L29	14	✓	
	2	10/262,060	9/29/1998	Japan	H04L12	28	✓	
	3	10/322,361	12/4/1998	Japan	H04L12	28	✓	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	4	Official Notice of Rejection Case No.: DCMH 110457 Patent Application No.: 2000-118620						
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No.	
Applicant(s): Keizaburo Sasaki, et al			15689.58	
Application No. 09/667,084	Filing Date September 21, 2000	Examiner Steven Blount	Customer No. 022913	Group Art Unit 2661
Invention: DATA CONVERSION APPARATUS, SIGNAL, DATA CONVERSION METHOD, DCE, GATEWAY AND COMMUNICATION APPRATUS				
<p>I hereby certify that the following correspondence:</p> <div>(see below)</div> <p>(Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p><u>July 29, 2005</u> (Date)</p> <p><u>Adrian J. Lee</u> (Typed or Printed Name of Person Mailing Correspondence)</p> <p><u></u> (Signature of Person Mailing Correspondence)</p> <p><u>EV 607585294 US</u> ("Express Mail" Mailing Label Number)</p>				
<p>Note: Each paper must have its own certificate of mailing.</p> <p>Transmittal for Information Disclosure Statement (2 pages; duplicate); Information Disclosure Statement Under 37 C.F.R. § 1.97 (2 pages); Form PTO-1449 Listing of References (1 page); PTO 2038 Credit Card form \$180.00 Legible Copy of References; (4 references) Certificate of Express Mail (EV607585294US); Acknowledgment Postcard</p>				

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
15689.58

In Re Application Of **Keizaburo Sasaki, et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/667,084	September 21, 2000	Steven Blount	022913	2661	9022

Title: **DATA CONVERSION APPARATUS, SIGNAL, DATA CONVERSION METHOD, DCE, GATEWAY AND COMMUNICATION APPARATUS**

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

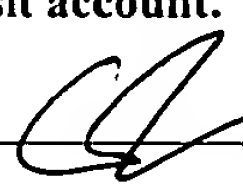
37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☒ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))					Docket No. 15689.58	
In Re Application of: Keizaburo Sasaki, et al.						
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.	
09/667,084	September 21, 2000	Steven Blount	022913	2661	9022	
Title: DATA CONVERSION APPARATUS, SIGNAL, DATA CONVERSION METHOD, DCE, GATEWAY AND COMMUNICATION APPARATUS						
Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))						
<input type="checkbox"/> A check in the amount of _____ is attached.						
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below.						
<input type="checkbox"/> Charge the amount of _____						
<input checked="" type="checkbox"/> Credit any overpayment.						
<input checked="" type="checkbox"/> Charge any additional fee required.						
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.						
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
Certificate of Transmission by Facsimile*			Certificate of Mailing by First Class Mail			
<div>I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa</div> <div style="border-top: 1px solid black; margin-top: 10px; text-align: center;">(Date)</div> <div style="border-top: 1px solid black; margin-top: 10px; text-align: center;">Signature</div> <div style="border-top: 1px solid black; margin-top: 10px; text-align: center;">Typed or Printed Name of Person Signing Certificate</div>			<div>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</div> <div style="border-top: 1px solid black; margin-top: 10px; text-align: center;">(Date)</div> <div style="border-top: 1px solid black; margin-top: 10px; text-align: center;">Signature of Person Mailing Correspondence</div> <div style="border-top: 1px solid black; margin-top: 10px; text-align: center;">Typed or Printed Name of Person Mailing Certificate</div>			
*This certificate may only be used if paying by deposit account.						
<div style="border-top: 1px solid black; margin-top: 20px; text-align: center;"> Signature</div> <div style="margin-top: 10px;">ADRIAN J. LEE Reg. No.: 42,785 Attorney for Applicant</div>			Dated: July 29, 2005			
cc:						